Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein

the phosphor layer includes a green color phosphor, the green color phosphor comprising at least one kind selected from among phosphor materials defined by any one of the formulas selected from ~~general formulae of~~

formula M_{1-a} $(Ga_{1-x}Al_x)_2$ O_4:Mn_a (where "M" denotes one of ~~Zn, Mg,~~ Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$),

formula $(Y_{1-a-y}Gd_a)$ $(Ga_{1-x}Al_x)_3$ $(BO_3)_4$:Tb_y (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$),

formula $(Y_{1-a-y}Gd_a)$ $(Ga_{1-x}Al_x)_3$ $(BO_3)_4$:Ce_y, Tb_y (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$),

formula $(Y_{1-a-y}Gd_a)$ BO_3:Tb_y (where $0 \leq a \leq 1$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a)_3$ $(Ga_{1-x}Al_x)_5$ O_{12}:Tb_y (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$).

2. (Currently Amended) A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein

the phosphor layer is a mixed phosphor and includes a green color phosphor, the green color phosphor being a mixed phosphor comprising: ~~a mixture of a phosphor material defined by a general formula of~~

a phosphor of formula $M_{1-a}(Ga_{1-x}Al_x)_2O_4:Mn_a$ (where "M" denotes one of ~~Zn, Mg,~~ Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$), and

a phosphor of formula ~~and one of phosphor materials defined by general formulae of~~ $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

a phosphor of formula $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Ce_y, Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$).

3. (Currently Amended) A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein

the phosphor layer is a mixed phosphor and includes a green color phosphor, the green color phosphor being a mixed phosphor comprising: ~~a mixture of a phosphor material defined by a general formula of~~

a phosphor of formula $M_{1-a}(Ga_{1-x}Al_x)_2O_4:Mn_a$ (where "M" denotes one of ~~Zn, Mg,~~ Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$) and

a phosphor of formula ~~another phosphor material defined by a general formula of~~ $(Y_{1-a-y}Gd_a)BO_3:Tb_y$ (where $0 \leq a \leq 1$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$).

4. (Currently Amended) A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein

the phosphor layer is a mixed phosphor and includes a green color phosphor, the green color phosphor being a mixed phosphor comprising: ~~a mixture of a phosphor material defined by a general formula of~~

a phosphor of formula $M_{1-a}(Ga_{1-x}Al_x)_2O_4:Mn_a$ (where "M" denotes one of ~~Zn, Mg,~~ Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$) and

~~another phosphor material defined by a general formula of~~ a phosphor of formula $(Y_{1-a-y}Gd_a)_3(Ga_{1-x}Al_x)_5O_{12}:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$).

5.-6. (Cancelled)

7. (Currently Amended) A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein

the phosphor layer includes any of a green color phosphor, a blue color phosphor and a red color phosphor,

the green color phosphor being a mixed phosphor comprising: ~~comprises one of~~

a spinel system of formula $M_{1-a}(Ga_{1-x}Al_x)_2O_4:Mn_a$ (where "M" is at least one of Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$), or

a phosphor of yttria system comprising formula $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Ce_y, Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a)BO_3:Tb_y$ (where $0 \leq a \leq 1$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$, and

formula $(Y_{1-a-y}Gd_a)_3(Ga_{1-x}Al_x)_5O_{12}:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), or

a spinel system of formula $M_{1-a}(Ga_{1-x}Al_x)_2O_4:Mn_a$ (where "M" is at least one of Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$), and

a phosphor of yttria system comprising formula $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Ce_y, Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a)BO_3:Tb_y$ (where $0 \leq a \leq 1$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$, and

formula $(Y_{1-a-y}Gd_a)_3(Ga_{1-x}Al_x)_5O_{12}:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

the blue color phosphor is a phosphor of $BaMgAl_{10}O_{17}:Eu$ or $BaSrMgAl_{10}O_{17}:Eu$, and

the red color phosphor is a phosphor of $Y_2O_3:Eu$ or $(Y, Gd)BO_3:Eu$.~~group phosphor, a yttria group phosphor and a mixture of the spinel group phosphor and the yttria group phosphor,~~

~~the blue color phosphor comprises one of phosphor materials of Ba Mg $Al_{10}O_{17}$:Eu and Ba Sr Mg $Al_{10}O_{17}$:Eu, and~~

~~the red color phosphor comprises one of phosphor materials of Y_2O_3:Eu and (Y, Gd)BO_3:Eu.~~

8.-10. (Cancelled)

11. (Previously Presented) The plasma display device according to claim 2, wherein values "a", "x" and "y" in any of the general formulae of $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Tb_y$ and $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Ce_y, Tb_y$ are within ranges of $0 \leq a \leq 1$, $0.1 \leq x \leq 1$ and $0.02 \leq y \leq 0.4$ respectively.